

It is Sunday the 22nd October 2006 and here is ANARTS with our weekly RTTY broadcast bringing you - cast 1419.

Views expressed in this news bulletin are not necessarily those of the Broadcast Officer, the Relay Officers, or of the Society.

Items in this broadcast include

1. News item
2. AMSAT correction
3. IPS REPORT
4. VK2SG RTTY DX report
5. OPDX News
6. Anarts Information

A.N.A.R.T.S. News Bulletin 1419 for 22nd of October 2006

Japanese CubeSat gets OSCAR number

AMSAT-NA has designated Hokkaido Institute of Technology's HIT-SAT satellite

as HIT-SAT-OSCAR-59 or H0-59. The tiny CubeSat launched successfully September 23, and its 100 milliWatt CW telemetry downlink on 437.275 MHz has been copied around the world. HIT-SAT also contains a 1200 bps FM packet downlink on 437.425 MHz. The H0-59 team is seeking reception reports, including audio files. The

satellite's call sign is JR8YJT. Once fully operational, H0-59 will permit

Earth station operators to request certain parameters by transmitting DTMF

commands on the 145.980 MHz uplink. The satellite will report back

time/date, temperature and power supply voltages and thank the Earth station

by call sign. At this point, only HIT-SAT ground station controllers can

access the satellite. The satellite is in a sun synchronous orbit with an

orbital altitude of 250 km at perigee and 600 km at apogee and an

inclination of 97.79 degrees. H0-59 is a 12-cm square cube weighing 2.2 kg.

ARRL stands corrected! The story "AMSAT'S PROJECT EAGLE

SATELLITE SHIFTS

DIRECTION" in The ARRL Letter, Vol 25, No 41, contained some incorrect

information. AMSAT's Project Eagle plans call for an mode U/V transponder

for SSB, CW and other modes. The design goal is that it be usable over 75

percent of Eagle's orbit by an A0-13 or A0-40-capable ground station. A

second mode L/S1 (1.2/2.4 GHz) transponder for SSB, CW and other modes using

fixed antennas also should be accessible by an A0-13 or A0-40-capable ground

station. Also, the current design plan would make only the satellite's S2

band uplink and C band downlink phased arrays electronically steerable to

mitigate the effects of the spacecraft's spin and maximize its

accessibility. All other Eagle antennas will be fix-pointed and subject to

spin modulation and off-pointing effects.

Those items extracted from The ARRL Letter, Vol. 25, No. 42, October 20, 2006

IPS Weekly Solar and Geophysical Report for 13th to 19th October, issued on 20th October 2006 by the IPS Radio and Space Services

SUMMARY

Date	13	14	15	16	17	18	19
10cm flux	73	72	71	70	70	70	70
AFr index estimated)	15	12	9	7	2	2 (	3
Aaus index estimated)	13	16	9	6	3	2 (	2
T index	7	-6	-14	-5	-11	-6	-8

Solar flare activity was very low all week.

Geomagnetic activity observed for the Australian Region was quiet to unsettled on 13th and 15th; unsettled to active on 14th; and quiet on 16th to 19th.

Southern Australian Ionospheric F2 critical frequencies were

near predicted on 13th; depressed 15 to 20 per cent on 14th; depressed 25 to 20 per cent on 15th; depressed 15 per cent to near predicted on 16th, depressed 15 per cent on 17th, and near predicted on 18th and 19th.

Forecast for 20th to 26th October

Solar activity should be very low.

Geomagnetic conditions should be active on 21st; and quiet to unsettled on other days.

Frequencies should see depressions of 15 to 30 per cent on 21st, with depressions up to 20 per cent on 20th and 22nd. Frequencies should be near predicted monthly values on other days.

courtesy of the IPS Radio and Space Services

summary by Pat VK2JPA ANARTS Broadcast Officer

RTDX1019 RTTY DX

VK2SG RTTY DX NOTES FOR WEEKENDING 21, SEPT 2006 (BID RTDX1019)

Our thanks this week go only to: AA5AU, DJ3IW, GU0SUP, UT5RP, K3GP,

OH2AQ DXSummit.

Bandpass:

Friday 13

0107--7041 9K2HN

0545-14083 A6/A92DU

0745-14084 HG1956R

1011-14086 TF3FK

1225-24920 HZ1IK

1243-28080 JY4NE

1333-24920 JY4NE

1516-18102 CN8IG

1539-14082 OD5NF

1611-28130 EC3CXS

1657-14084 SV5/DL3DRN

1755-14082 EC3VXC

1824-14091 7X0RY

1832-14087 EA6BH

1905-14085 C98BWW

1938-14086 CU2AF

2003-10140 4L1FP

2031--7040 HZ1IK

2141-14085 HC5T

2205-14086 EC1AAC

2211-14088 0A4DJW

2335-14086 HK4QMH

2355--7037 EM10I

Saturday 14

0004--7038 RK9JWR

0040-14077 E21YDP

0101--7034 NP4BM

0120--3598 ZC4LI

0132--7041 CU2JT

0218--7037 HR2DMR

0235-21092 DU7/G4DUM

0256--7040 7X0RY

0308--7043 CU2AF

0331--3588 E06F

0336-14086 P29ZAD

0344--3586 7X0RY

0453-14087 FR5GS

0502-14083 E21YDP

0513-14078 ZC4LI

0558-21084 YC8EXL

0601-21075 UK7F

0606--7035 TK/F50AM/P

0619-14081 7X0RY

0635-21082 ZC4LI

0645-14075 E21YDP

0650-28087 DU7/G4DUM

0703-21092 9M6XR0
0729-21090 5U7B
0729-28085 VR2XLN
0739-14095 9M6XR0
0821-14082 TK/F50AM/P
0825-14087 4L1FP
1152-21081 TU5JM
1229-14083 SV1DBY/8
1250-14082 CT3KT
1301-14083 EM10T
1320-18105 KP4JRS
1554-14086 EA6/I1RSA
1606-14074 E21YDP
1610-14085 VR2XLN
1611-21085 E06F
1612-14079 7X0RY
1623-21084 ZC4LI
1628-14097 CU2JT
1703-14079 RN3ZC
1721-14084 KH6FI
1733-18102 DT8A
1734-14100 ZC4LI
1803- -3524 UN6P
1819-14083 CU2AF
1826-21084 XE2BC
1842- -7035 7X0RY
1911-14079 CN8LI
1915- -7032 ZC4LI
1955- -7032 UN6P
2048- -7037 RM9RZ
2248- -7047 CU2JT

2251-14081 9M6XR0

2347--7046 5U7B

Sunday 15

0015--14081 XU7ABN

0801-14081 7X0RY

0809-21085 E06F

0812-21099 VR2BG

0823-21083 DU7/G4DUM

0826-14089 ES5RY

0829-21084 ZC4LI

0831-14075 VR2BG

0834-21075 E21YDP

0852-21081 7X0RY

0854-14084 BD3APX

0855-21077 9M6XR0

0911-21080 BD7NL

0914-18094 EK6VA

0917-21079 CN8LI

0919-21081 7X0RY

0922-18093 EK6VA

0929--7034 0M6XR0

0932-18105 VU3SID

1001-28084 ZC4LI

1008-14095 CU2JT

1023--7027 VR2BG

1040-14083 9M2/JH3GCN

1050-21079 LY2FN

1050-28083 SV5/DL3DRN

1057-28081 YM125ATA/4

1122-21088 CU2AF

1204-14081 7X0RY

1208-14075 HS0GBI

1208-21079 ZC4LI

1215-14106 GU0SUP

1225-14076 CU2JT

1226-14094 YL2TB

1250-14108 DU7/G4DUM

1251-18103 PZ5RA

1316-21085 NP4BM

1329-14110 E21YDP

1438-14083 A6/A92DU

1504-14109 SV5/DL3RDN

1522-14098 E06F

1533-14073 HR2DMR

1542-14082 ZC4LI

1556-14095 9M6XR0

1639-14081 EC8ABQ

1744-14087 TM6MXP

1927-14082 K0ARY/VP9

2105-10141 6W1SE Qsl Via JR2KDN

2329-14086 XE3RBA

Monday 16

0222--7040 DT8A

0448-18105 ZL8R Qsl Via VE3XN qsx up

0706-14081 SV1DBY/8

0706--7060 ZL8R qsx 7185

0808-18105 ZL8R up 2

0957-21082 VU3DJQ

1018-14081 8J7YAGI Qsl Via JA7YAA

1153-14083 TF3FK

1255-14080 TF3PPN

1325-10138 ZL8R

1454-18105 HZ1IK

1538-14080 CN8IG

1542-14082 EA6/I1RSA

1548-14088 4X70R Qsl Via 4Z4TL

1742-14084 TM6MXP Qsl Via F5KFL

1744-14080 EM10M Qsl Via UR3MP

1928-21086 ZL8R

2009-14080 LWDXH

2345-10139 DT8A

2358-21097 ZL8R

Tuesday 17

0026-21097 ZL8R

0522-18105 ZL8R

0556-18108 A45WM

0743-10138 ZL8R

0759-18105 JT1BV

1106-14083 8J7YAGI

1642-14080 EA6/I1RSA

1658-14084 TF6IRA

1714-14086 EM10M

1716-10145 RX0AE

1720-14082 TF0IRA

1736-14086 EC1AAC

1934-14085 TM6MXP

1940-14082 TG9AKH

1951-14086 EC1AAC

Wednesday 18

0925-21083 4X70R

1022-21083 A45WM

1145-14082 EC1AAC

1153-14081 A45WM

1449-14086 SV5/DL3DRN

1546-14085 HG1956A Qsl Via HA3HK

1553-18102 DT8A

1707--7032 SV5/DL3DRN

1921-14085 HG1956R

1925-14086 YV6DX

1942-21086 HK4QMH

2228--7037 RW6HB

Thursday 19

1054-14085 TF3FK

1111-14084 P29AZD

1146-14082 CU3AD

1207-14082 XU7ABN

1213-18104 SV5/DL3DRN

1233-14083 FM5AA

1313-14083 A6/A92DU

1315-14082 ON100B0IC fer pfx

1343-14082 CU3AD

1346-14084 IS0AFM

1347-14088 IS0QPA

1359-18104 SV5/DL3DRN

1405-18100 XF4DL qsx up Revilla QSL Via N6AWD (USA), DL9NDS
(world)

1420-18100 US6IOT

1429-18099 VU3SIG

1431-14090 CN8YZ

1518-14084 IM0MBP

1645-14084 HG1956R

1647-14085 TF3GC

1723-14079 TF3PPN

1750-10142 TR8GA

1814-18105 3XM6JR

1815-18100 XF4DL qsx up

Note of interest:

ON THE AIR..... XF4, REVILLAGIGEDO (Update)

A Mexican and German team of operators are now very active also

on rtty. They will stay there till November 3rd. Operations are

planned for activity 24 hours a day. Focus will be on RTTY and

WARC bands. For more information visit the web page at:

<http://www.xf4dl.xedx.org/>

QSL information North-, Middle- and South-America:

N6AWD, Fred K. Stenger, 6000 Hesketh Dr, Bakersfield CA 93309, USA

QSL information All others:

DL9NDS, Uwe Scherf, Itzgrund 15, 95512 Neudrossenfeld, Germany

Considering the high costs of this trip dont forget to give your

donation.

SAN ANDRES IS, HK0. Gerld DL7VOG will be active from NA049 from

November 15th to Dec. 1st on CW, RTTY and SSB from 160-10m. The

call will be HK0GU, Qsl: Gerld Uhlig, BOX 700332, D-10323 Berlin

Germany or DARC Buro.

MAURITIUS, 3B8. A Slovack team composed by OM2FU and OM2TW will

be operating from Nov. 17th to 30th. Focus on low bands and RTTY

SOUTH COOK IS. E51. N7OU es W7YAQ will be on from Rarotonga from

from November 18th to Nov. 28th; 80-10m; mainly CW, some RTTY SSB

low power with verticals.

You can also subscribe to the digital-dx reflector - send an

e-mail message to majordomo at mla.nifty.ne.jp as follows:

Subject: (blank) Message Body: subscribe digital-dx

For next week's bulletin, send your bandpass and notes of

interest to Goetz DJ3IW

Gl de (DX2) Luciano, I5FLN

e-mail luciano.fusari at alice.it

The Ohio/Penn DX Bulletin No. 780 - excerpts

3X, GUINEA

Serge, UA6JR, will be active as 3XM6JR during the CQWW DX SSB Contest (October

28-29th). Operating class is unknown. QSL via UA6JR.

4N, MONTENEGRO

Toby, DD5FZ, plans to be active as 4N6FZ possibly from the YT6A location between

October 15-27th. Activity will be SSB and include entries in the WAG and CQWW DX

SSB Contests. QSL via DD5FZ, by the bureau.

5B, CYPRUS

Operators Tony/RX9TL, Igor/UA2FZ, Sandy/RW4WR, Oleg/UA9CDV, Jack/RW3QC and

Harry/RA3AUU will be active as 5B/AJ20 during the CQWW DX SSB Contest (October

28-29th) as a Multi-Single entry. QSL via RA3AUU.

AH2, GUAM

Members of the Guam Contest Club will be active as AH2R during the CQWW DX SSB

Contest (October 28-29th) as a Multi-Single entry. QSL via JH7QXJ. Operators

mentioned are: Kuzamasa/JG3RPL, Toshinobu/JI3ERV, Sato/JH7QXJ and Mikawa/JR70MD.

They suggest to "Please listen to 7075-7100 carefully."

BX3, TAIWAN

Juergen, DJ3KR, will be active as BX3/DJ3KR from October 18th to November 5th.

Activity should be on all bands and modes. QSL via his home callsigns.

E21, THAILAND

Champ, E21EIC, will be active in the CQWW DX SSB Contest (October 28-29th) as a

Single-Op/Single-Band (20m)/Low-Power entry. QSL via E21EIC.

EUROPEAN TOUR

A few different sources are reporting that Dr. Rick, NE8Z, will be touring

Europe between October 19th and November 5th. He is expected to operate QRP from

3A, 9H, CT, EA, G, HB9, I, SV1 and TA4. QSL via NE8Z.

HI, DOMINICAN REPUBLIC

Miguel, CT1EHX, will be active as HI/CT1EHX, October 24-31st. Activity will be

on SSB and RTTY on 80-10 meters. QSL via CT1EHX, direct or by the bureau.

HR, HONDURAS

Members of the Radio Club of Honduras will be active as HR2RCH during the CQWW

DX SSB Contest (October 28-29th) as a Multi-2 entry. The group plans on be

active on 160-10 meters with amps. There will be some activity before the

contest. QSL via HR2RCH. Operators mentioned are: Antonio/HR2AHC, Pedro/HR2PAC,

Jorge/HR2JGG and Dan/HR2DMR.

IOTA NEWS

AS-099. Operators Milan/OK3AA and Josef/OK1XV will be active as TA0/homecall

from Lale Island, October 20-25th. Activity will be mainly CW on the HF bands.

QSL via their home call signs.

EU-176. Operators Anders/SM3XGV, Jorgen/SM3CXS, Staffan/SM3JGG and Sten/SM3NXS

will be working with a VHF/UHF installation on Grimskar Island between October

20-22nd. During their stay they will be active as SD3N and SG3U on 80-15 meters

CW/SSB. QSL preferably via the bureau.

KH7, HAWAII

Mike, KH6ND, will be active as KH7X during the CQWW DX SSB Contest (October

28-29th) as a Single-Op/Single-Band (80m) entry. QSL via K2PF.

KH7, HAWAII

Kimo, KH7U, will be active during the CQWW DX SSB Contest (October 28-29th) as a

Single-Op/Single-Band (15m) entry. QSL via AH6NF.

LR2, ARGENTINA

Operators Hugo/LU1FRZ, Roberto/LU2FA, Jesus/LU5FC, Javier/LU5FF, Arturo/LU6ETB

and Horacio/LW7DX will be active as LR2F during the CQWW DX SSB Contest (October

28-29th) as a Multi-Single entry. QSL via LU2FA.

PACIFIC TOUR (A3, 5W, KH8 and ZL)

Willy/ON5AX and his wife Magda/ON3AX plan to visit a few different locations in

the Pacific during the next several weeks. To start, look for Willy to be active

as 5W0AX from Samoa (OC-097) between October 17-22nd. Activity will be on

40/30/20 meters CW, SSB and PSK. Their next planned stops will be American Samoa

(KH8/ON5AX, October 24-29th, CQ WW DX SSB Contest included), Tonga (A35AX,

November 2-14th) and New Zealand (ZL/ON5AX, from November 16th to December

14th).

PACIFIC TOUR (KH0 and V6)

Operators Roman/RZ3AA, Andy/UA3AB and Harry/ RA3AUU will be active from Mariana

Islands and Micronesia during the first part of November. Their schedule is as

follows:

November 5-9th - From KH0 as KH0/NP2KY, KH0/KB7YHQ and KH0/K3UY.

November 10-16th - From V6 as V63RZ, V63UA and V63RQ.

Their main target will be the low bands for Europe and North America. QSL via UA3DX.

PACIFIC VOYAGE (CE0, F0 and VP6/D)

Larry, N0UU, and his wife Jo Ann are currently touring the South Pacific with

the Lindblad Expeditions between October 14-27th. Although amateur radio is not

his primary reason for these cruises, Larry plans to operate from several

locations. When active, he will be on 20/17/15 meters SSB. Callsigns will be

F0/N0UU (from French Polynesia), VP6UU and possibly a CE0 callsign if he gets

the licence. QSL via his home callsign. He will QSL all contacts through the

ARRL Outgoing QSL Bureau. Larry's current schedule is as follows:

October 22nd Pitcairn Island - No operation planned..Sight seeing and plenty

of hams on this island.

October 23rd Henderson Island (OC-056)

October 24th Ducie Island (OC-182)

October 25-26th - At sea

October 27th Easter Island (SA-001)

Larry has a Web page at: <http://www.tri.net/n0uu>

Daily ship reports will be posted at:

<http://www.expeditions.com/dersearch/dailyexpeditionreports.asp>

PJ2, NETHERLANDS ANTILLES (Update)

Operators Marty/W1MD, Scott/W4PA, Helmut/DF7ZS, Steve/N8BJQ, Geoff/W0CG and

Cindy will be active as PJ2T from Signal Point, Curacao (SA-006, WLOTA LH-0942),

in the CQWW DX SSB Contest (October 28-29th) as a Multi-Single entry. If they

can get enough operators they might go for a M/2 entry. QSL via N9AG.

Operators Mal/NP2L, Jim/W0NB, Jeff/K8ND, Geoff/W0CG and Jim/W8WTS will be active

as PJ2T during the CQWW DX CW Contest (November 25-26th) as a Multi-Single

entry. QSL via N9AG.

RK2, KALININGRAD

Members of the UA2 Contest Club will be active as RK2FWA during the CQWW DX SSB

Contest (October 28-29th) as a Multi-Multi entry. QSL via DK4VW.

TG, GUATEMALA

Operators Mario/TG9ADQ, Julio/TG9ATG, Edgar/TG9AXF, Christian/TG9AVU and

Sergio/TG9SM will be active as TG0AA from Pacaya Volcano during the CQWW DX SSB

Contest (October 28-29th) as a Multi-Op/ All-Band entry. QSL via TG9ANF.

TM5, FRANCE

Operators Jean-Philippe/F5GKW, Bernie/F6HQY, Mark/F6JSZ, Jean/F4CXW,

Claude/F8DJV, Emmanuel/F5TEF, Norbert/F4EFG, Jean/F4DJT, Serge/F5HX and

Eric/F5NSL will be active as TM5HV during the CQWW DX SSB Contest (October

28-29th) as a Multi-Single/Low-Power entry. QSL via F8KFZ, direct or by the

bureau.

V6, MICRONESIA

Shoji, JA7HMZ, will once again visit Pohnpei and be active as V63DX between

November 13-18th. Activity will be on all HF bands and all modes (including

160m, WARC and RTTY). He will especially focus on 160m for NA and EU stations.

QSL via his home callsign JA7HMZ.

VU, INDIA

After his activities as BX3/DJ3KR, look for Juergen to be active from here

between November 22nd to December 16th as VU3JRA. He is expected to enter the

CQWW DX CW Contest as Single-Op/Single-Band (80m) entry. QSL via DJ3KR.

XU, CAMBODIA (Update)

Last week we reported that Reijo (Retu), OH4MDY, and members of the Finnish

radio group called the "Pieksamaen Radioamatoorit ry." (OH4AB) would be active

in XU with the callsigns XU7MDY and XU7JGE between October

20th and November

5th. Other team members include Anni/ OH4JGE (XU7JGE),
Jack/ON4AJV (XU7AJV) and

Wim/XU7TZG. Activity will be on 160-10 meters CW. Suggested
frequencies are:

1825, 3507, 7003, 10104, 14007, 21007, 24897 and 28020 kHz.
There will be an

emphasis on the lower bands. Also, look for XU7MDY to be
active in the CQWW DX

SSB Contest (October 28-29th) as a Single-Band entry (band
not provided). QSL

only direct and QSL info is available on (QRZ.com).

ZM2, NEW ZEALAND

Members of the East Coast Contesters will be active as ZM2M
during the CQWW DX

SSB Contest (October 28-29th) from the East Coast North
Island Zone 32 as a

Multi-2/All-Band entry. Operators mentioned are: Lee/ZL2AL,
Stan/ZL2ST,

Mike/ZL2CC, Chris/ZL2DX, Peter/ZL2LF and possibly others.
QSL via ZL2AL.

The Society can be contacted in the following ways: To Pat
VK2JPA via patleeper at optusnet.com.au, or you can drop a line to P0 Box 93
Toongabbie NSW 2146.

73's from Pat VK2JPA broadcast Officer